

a particular color in a video signal is corrected into the particular color (such as a memory color) according to the calculated correction amount. Accordingly, it is possible to correct the particular color with the correction amount
5 corresponding to image-taking environments or a captured video image, without influencing colors not to be corrected.

In addition, since the luminance level of a video signal is corrected according to a luminance level in a video signal of a particular color or since the proportion of the video
10 signal of the particular color in the video signal is calculated and the luminance of the particular color is corrected according to the calculated proportion, it is possible to correct the particular color of the corresponding particular color according to image-taking environments or a captured
15 video image.

Brief Description of the Drawings

Fig. 1 is a block diagram schematically showing a configuration of essential sections for performing color
20 correction processing in an image pickup apparatus according to the present invention.

Fig. 2 is an explanatory view for explaining correction target ranges of particular colors in a color-difference plane.

Figs. 3A and 3B are explanatory views for explaining
25 circular and elliptical correction target ranges shown in Fig. 2.

Fig. 4~~7~~ is an explanatory view for explaining a method of calculating a direct distance s from center-point coordinates (x_c, y_c) in the correction target range shown in
30 Fig. 2.

Fig. 5 is a graph showing a relationship between the

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